

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (withdrawn): An anode, comprising:

an anode current collector having a projection; and

an anode active material layer being disposed on the anode current collector, and being alloyed with the anode current collector in at least a portion of an interface with the anode current collector, and including at least one kind selected from the group consisting of silicon and silicon compounds.

Claim 2 (currently amended): An anode, comprising:

an anode current collector having a projection; and

an anode active material layer being formed on and substantially covering the anode current collector and projection through at least one method selected from the group consisting of a vapor deposition method, a liquid-phase deposition method and a sintering method, and including at least one material selected from the group consisting of silicon (Si) and silicon compounds.

Claim 3 (original): The anode according to claim 2, wherein

the anode active material layer is alloyed with the anode current collector in at least a portion of an interface with the anode current collector.

Claim 4 (original): The anode according to claim 2, wherein

the anode current collector is formed through forming a projection in a particle shape on a substrate.

Claim 5 (original): The anode according to claim 4, wherein

an average diameter of the projection ranges from about 1 μm to about 20 μm .

Claim 6 (original): The anode according to claim 2, wherein
the projection includes an element capable of being alloyed with the anode active
material layer.

Claim 7 (original): The anode according to claim 2, wherein
the projection includes at least one constituent selected from the group consisting of
copper (Cu), nickel (Ni), iron (Fe), aluminum (Al), indium (In), cobalt (Co), manganese (Mn),
zinc (Zn), silver (Ag), tin (Sn), germanium (Ge) and lead (Pb).

Claim 8 (original): The anode according to claim 2, wherein
the anode active material layer is alloyed with the projection in at least a portion of an
interface with the projection.

Claim 9 (withdrawn): A battery, comprising:
a cathode;
an anode; and
an electrolyte,
wherein the anode includes an anode current collector having a projection, and an anode
active material being disposed on the anode current collector, and being alloyed with the anode
current collector in at least a portion of an interface with the anode current collector, and
including at least one kind selected from the group consisting of silicon (Si) and silicon
compounds.

Claim 10 (currently amended): A battery, comprising:
a cathode;
an anode; and
an electrolyte,

wherein the anode includes an anode current collector having a projection, and
an anode active material layer being formed on and substantially covering the anode
current collector and projection through at least one method selected from the group consisting
of a vapor deposition method, a liquid-phase deposition method and a sintering method, and
including at least one type of material selected from the group consisting of silicon (Si) and
silicon compounds.

Claim 11 (original): The battery according to claim 10, wherein
the anode active material layer is alloyed with the anode current collector in at least one
portion of an interface with the anode current collector.

Claim 12 (original): The battery according to claim 10, wherein
the anode current collector is formed through forming a projection in a particle shape on
a substrate.

Claim 13 (original): The battery according to claim 12, wherein
the average diameter of the projection ranges from about 1 μm to about 20 μm .

Claim 14 (original): The battery according to claim 10, wherein
the projection includes an element capable of being alloyed with the anode active
material layer.

Claim 15 (original): The battery according to claim 10, wherein the projection includes at least one constituent selected from the group consisting of copper (Cu), nickel (Ni), iron (Fe), aluminum (Al), indium (In), cobalt (Co), manganese (Mn), zinc (Zn), silver (Ag), tin (Sn), germanium (Ge) and lead (Pb).

Claim 16 (original): The battery according to claim 10, wherein the anode active material layer is alloyed with the projection in at least a portion of an interface with the projection.

Claim 17 (original): The battery according to claim 10, wherein the electrolyte includes a retaining body, a solvent and an electrolyte salt.

Claim 18 (original): The battery according to claim 10, further comprising: a film-shaped package part for containing the cathode, the anode and the electrolyte therein.

Claim 19 (original): The battery according to claim 10, wherein the cathode includes a lithium-containing metal composite oxide.